Parth Agrawal

2nd Year Student, Bachelor of Engineering, Computer Science, BITS Goa

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ACADEMIC QUALIFICATIONS

CGPA : 9.47 (after 3 semesters)	BITS Pilani, K.K. Birla Goa Campus	Graduate in 2022
Class 12th : 97%	Sir Padampat Singhania Education Centre (SPSEC), Kanpur	CBSE , 2018
Class 10th : 9.7 CGPA	Sir Padampat Singhania Education Centre (SPSEC), Kanpur	CBSE, 2016

SKILLS

Languages - C++ , C , Python, Java

Technical - BlockChain, Machine Learning, Data Science, Reinforcement Learning

Academic - C Programming, Logic in CS, OOP, DBMS(in progress), DSA(in progress)

WORK EXPERIENCE

Research Consultant at WorldQuant, LLC   March 2019 - September 2019

> Produced financial alphas (formulas using which stocks are ranked) and strategies using fundamental and technical knowledge of the stock market. These were then used by the company to perform hedging.

CERTIFICATIONS

Explore ML Beginner's Track, Google AI, mentored by Shangeth Raja, BITS Goa   November 2019

> Learned Linear Regression, Logistic Regression, Multi Layer Perceptron using TensorFlow

PROJECTS

- **ChainVoter** : BlockChain and Machine Learning   [Github Repository](#)   May 2018 - July 2018
  Co-Developed a WebApp and Mobile App to secure the voting process using blockchain by preventing mutability and ensuring the identity of voters. Selected in Microsoft Code.Fun.Do++ 2019. Awarded 2nd Runner's Up in the college. Helped in creating back-end and implementing the blockchain algorithms and encryption.
- **TIP Hawkeye** : FinTech   January 2018 - May 2018
  Created an app for providing personal finance solutions. Handled the Transactions Team which informs the user about his/her weekly expenses, predicts his/her monthly expenses based on previous data using ML, alerts the user and gives him cheaper options and advises to prevent expenditure in the rest of the month.

VOLUNTEER WORK

> Peer Mentorship Program, BITS Goa - Mentored 8 students and facilitated them in various aspects of Campus, Education and College Life.   August 2018 - present

EXTRA-CURRICULAR ACTIVITIES

- Core Member of Department of Arts and Deco' - Managing around 70 juniors, creating structures   since May 2019
- Core Member of Abhivyakti (The Poetry Club) - Managing juniors, conducting discussions   since May 2019
- School Captain, SPSEC, Kanpur   2018
- Won a consolation prize in the National Science Film Festival, Vigyan Prasar, New Delhi, for preparing a short film on "How Do I See Science? Wonders and Blunders of Science !" using Adobe Premiere Pro   2016
- Essay Writing
  - Gold in Queen's Commonwealth Essay Competition on "An Inclusive Commonwealth"   2016
  - 2nd Prize in International event - "Reflections" , CMS, Lucknow on "Human Rights and How They Impact the Everyday Life of a Common Man"   2013